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(54) **Method and apparatus for reducing power consumption in electronic equipment using self-emitting type display**

(57) A method for reducing power consumption in an electronic equipment using a self-emitting type display is provided. The method includes distinguishing image data to be output (510), correcting each distinguished image data into an image brightness (520), synthesizing the corrected image data into one piece of output image data (530), and controlling a driving power for displaying the synthesized output image data as an image (540).

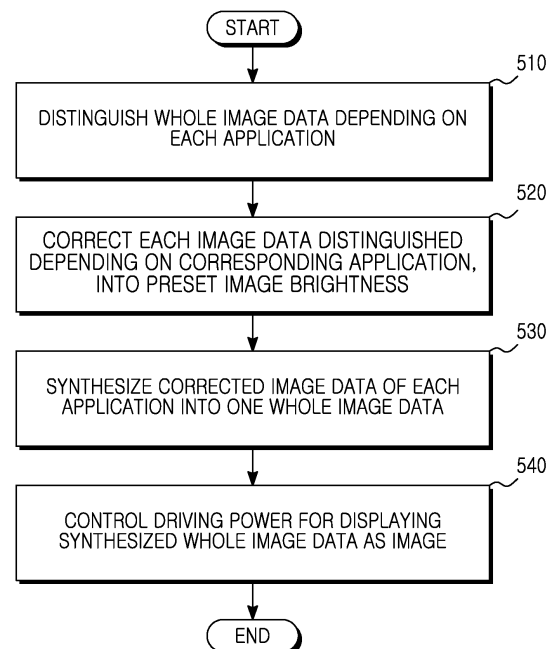


FIG.5

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 2006/087502 A1 (KARIDIS JOHN P [US] ET AL KARIDIS JOHN PETER [US] ET AL) 27 April 2006 (2006-04-27) * paragraphs [0007], [0018] - [0044]; figures 1-3 *	1-14	INV. G09G3/22
X	US 2006/227125 A1 (WONG HONG W [US] ET AL) 12 October 2006 (2006-10-12) * paragraphs [0001], [0016] - [0032]; figures 1-7 *	1-14	
			TECHNICAL FIELDS SEARCHED (IPC)
			G09G
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 February 2011	Examiner Demin, Stefan
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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The members are as contained in the European Patent Office EDP file on
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23-02-2011

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2006087502	A1	27-04-2006	NONE
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US 2006227125	A1	12-10-2006	NONE
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